

CLIPPEDIMAGE= JP406002240A  
PAT-NO: JP406002240A  
DOCUMENT-IDENTIFIER: JP 06002240 A  
TITLE: MOQUETTE

PUBN-DATE: January 11, 1994

INVENTOR-INFORMATION:

NAME

IMOSE, TATSUJI

ASSIGNEE-INFORMATION:

NAME

KAWASHIMA TEXTILE MANUF LTD

COUNTRY

N/A

APPL-NO: JP04179343

APPL-DATE: June 13, 1992

INT-CL (IPC): D03D027/00; D03D015/00 ; D04B001/04

US-CL-CURRENT: 139/420A

ABSTRACT:

PURPOSE: To obtain a soft and flexible moquette, suitable as an upholstery fabric and excellent in abrasion resistance by bonding and fixing piles to a base woven fabric with fusible fiber used in the ground yarn without impairing the hand of whole moquette.

CONSTITUTION: The objective moquette is obtained by constructing the ground yarn of a base fabric for engaging piles of the moquette from core-sheath yarn formed from a core part composed of thermally nonfusible fiber and a sheath part composed of the thermally nonfusible fiber and thermally fusible fiber. Thereby, the thermally fusible fiber for bonding and fixing the piles to the base woven fabric is mixed with the other thermally nonfusible fiber in the sheath part which is the surface of the ground yarn and thermally melted without hardening the ground yarn by the thermally molten thermally fusible fiber thereof. As a result, this soft, flexible and lightweight moquette, remarkably favorable as a vehicular upholstery fabric and

excellent in abrasion  
resistance can be obtained.

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DWPI

DERWENT-ACC-NO: 1994-045849

DERWENT-WEEK: 199406

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TITLE: Moquette for car seat upholstery, etc. - comprises  
core-sheath thread

as yarn of basic fabric fastened pile

PATENT-ASSIGNEE: KAWASHIMA ORIMONO KK[KAOR]

PRIORITY-DATA: 1992JP-0179343 (June 13, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	
PAGES	MAIN-IPC		
JP 06002240 A	January 11, 1994	N/A	003
D03D 027/00			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP06002240A	N/A	1992JP-0179343
June 13, 1992		

INT-CL (IPC): D03D015/00; D03D027/00 ; D04B001/04

ABSTRACTED-PUB-NO: JP06002240A

BASIC-ABSTRACT: A moquette comprises core-sheath thread as yarn  
of basic fabric  
fastened pile. The core sheath thread comprises constituting of  
the core part  
comprising non-thermal fusible fibre and the sheath part  
comprising non-thermal  
fusible fibre and thermal fusible fibre. M. pt. of the thermal  
fusible fibre  
of the sheath part is lower 50 deg.C or more than that of  
non-thermal fusible  
fibre of the core part and the sheath part.

USE/ADVANTAGE - The moquette is useful for upholstery of  
automobile, train and  
aircraft. Since the thermal fusible fibre fixed with adhering  
pile to the base  
fabric is dotted on the surface part of the yarn in the state of  
adhering pile  
with the base fabric, there is no yarn hardened by heat melted  
thermal fusible  
fibre. The moquette has drape property required as the  
upholstery, and backing  
finishing by backing adhesives is not required, thereby it can be  
obtained  
effectively, and made to light wt. in portion of coated amt. and  
it is rich in  
air permeability, and flexibility and excellent in wear

resistance.

The thermal fusible fibre is thermoplastic fibre having less than 170 deg.C of

m.pt. such as low m.pt. polyester, low m.pt. polyamide or polyolefin. The

non-thermal fusible fibre is natural fibre or polyester fibre.

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: A94 F03

CPI-CODES: A12-S05E; A12-T04B; F01-E; F01-E09; F02-A03; F02-B03B; F02-G03;

F04-E; F04-E03C;

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DWPI

DERWENT-ACC-NO: 1994-045849

DERWENT-WEEK: 199406

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DERWENT-CLASS: A94 F03

CPI-CODES: A12-S05E; A12-T04B; F01-E; F01-E09; F02-A03; F02-B03B; F02-G03;

F04-E; F04-E03C;



	Hits	Search Text	DBs	Time Stamp
1	185158	weav\$4 or woven	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:00
2	118121	pile or carpet\$3	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:01
3	151153	elastomer	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:01
4	151153	elastomer	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:01
5	689069	elastomer\$3 or elastic	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:01
6	2861	spandex\$4	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:01
7	3617	bicomponent or bi-component	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:02
8	670354	core	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:03
9	113853	sheath	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:03
10	5969	(weav\$4 or woven) with (pile or carpet\$3)	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:03
11	690063	(elastomer\$3 or elastic) or spandex\$4	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:05
12	25296	core same sheath	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:06
13	27776	(core same sheath) or (bicomponent or bi-component )	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:06
14	1877	((elastomer\$3 or elastic) or spandex\$4) same ((core same sheath) or (bicomponent or bi-component ))	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:06
15	8	((weav\$4 or woven) with (pile or carpet\$3)) and (((elastomer\$3 or elastic) or spandex\$4) same ((core same sheath) or (bicomponent or bi-component )))	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:15
16	600	("139/2-7G").CCLS.	USPAT	2001/01/26 12:20

	Hits	Search Text	DBs	Time Stamp
17	72	("139/2").CCLS.	USPAT	2001/01/26 12:21
18	1709	((("428/95") or ("428/96"))).CCLS.	USPAT	2001/01/26 12:22
19	0	((core same sheath) or (bicomponent or bi-component )) and ("139/2-7G").CCLS.)	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:23
20	0	((core same sheath) or (bicomponent or bi-component )) and ("139/2-7G").CCLS.)	USPAT	2001/01/26 12:23
21	267087	core or sheath or bicomponent or bi-component	USPAT	2001/01/26 12:24
22	265537	elastic or elastomer\$3	USPAT	2001/01/26 12:25
23	0	(core or sheath or bicomponent or bi-component) and (("139/2-7G").CCLS.)	USPAT	2001/01/26 12:25
24	140	(core or sheath or bicomponent or bi-component) and (("428/95") or ("428/96")).CCLS.)	USPAT	2001/01/26 12:26
25	0	((("139/2-7G").CCLS.) and (core or sheath or bicomponent or bi-component))	USPAT	2001/01/26 12:26
26	38	(elastic or elastomer\$3) and ((core or sheath or bicomponent or bi-component) and (("428/95") or ("428/96")).CCLS.))	USPAT	2001/01/26 12:26
27	2	(elastic or elastomer\$3) and ("139/2-7G").CCLS.)	USPAT	2001/01/26 12:45
28	925	("139/391-406").CCLS.	USPAT	2001/01/26 12:46
29	13	(core or sheath or bicomponent or bi-component) and ("139/391-406").CCLS.)	USPAT	2001/01/26 12:55
30	1499	((("139/2-7G").CCLS.) or ("139/391-406").CCLS.))	USPAT	2001/01/26 12:56

	Hits	Search Text	DBs	Time Stamp
17	72	("139/2").CCLS.	USPAT	2001/01/26 12:21
18	1709	(("428/95") or ("428/96")).CCLS.	USPAT	2001/01/26 12:22
19	0	((core same sheath) or (bicomponent or bi-component )) and ("139/2-7G").CCLS.)	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 12:23
20	0	((core same sheath) or (bicomponent or bi-component )) and ("139/2-7G").CCLS.)	USPAT	2001/01/26 12:23
21	267087	core or sheath or bicomponent or bi-component	USPAT	2001/01/26 12:24
22	265537	elastic or elastomer\$3	USPAT	2001/01/26 12:25
23	0	(core or sheath or bicomponent or bi-component) and ("139/2-7G").CCLS.)	USPAT	2001/01/26 12:25
24	140	(core or sheath or bicomponent or bi-component) and (("428/95") or ("428/96")).CCLS.)	USPAT	2001/01/26 12:26
25	0	((("139/2-7G").CCLS.) and (core or sheath or bicomponent or bi-component))	USPAT	2001/01/26 12:26
26	38	(elastic or elastomer\$3) and ((core or sheath or bicomponent or bi-component) and (("428/95") or ("428/96")).CCLS.))	USPAT	2001/01/26 12:26
27	2	(elastic or elastomer\$3) and ("139/2-7G").CCLS.)	USPAT	2001/01/26 12:45
28	925	("139/391-406").CCLS.	USPAT	2001/01/26 12:46
29	13	(core or sheath or bicomponent or bi-component) and ("139/391-406").CCLS.)	USPAT	2001/01/26 12:55
30	1499	((("139/2-7G").CCLS.) or ("139/391-406").CCLS.))	USPAT	2001/01/26 12:56

	Hits	Search Text	DBs	Time Stamp
31	290715	melt or melting	USPAT	2001/01/26 12:56
32	10	{{("139/2-7G").CCLS.}) or {{("139/391-406").CCLS.}) and (melt or melting)	USPAT	2001/01/26 12:57
33	4	{{("139/2-7G").CCLS.}) or {{("139/391-406").CCLS.}) and (melt or melting)) not ((core or sheath or bi-component or bi-component) and {{("139/391-406").CCLS.})	USPAT	2001/01/26 13:00
34	2351	hytel\$5	USPAT	2001/01/26 13:00
35	205	arnitel\$5	USPAT	2001/01/26 13:13
36	2419	hytel\$5 or arnitel\$5	USPAT	2001/01/26 13:13
37	327	(melt or melting) same (hytel\$5 or arnitel\$5)	USPAT	2001/01/26 13:14
38	26	(core or sheath or bi-component or bi-component) same ((melt or melting) same (hytel\$5 or arnitel\$5))	USPAT	2001/01/26 13:20
39	701014	melt or melted or melting	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:22
40	3949	sheath with (melt or melted or melting)	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:23
41	321	(weav\$4 or woven) same (sheath with (melt or melted or melting))	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:23
42	9	(pile or carpet\$3) same ((weav\$4 or woven) same (sheath with (melt or melted or melting)))	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:53
43	3	"06002240"	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:54
44	16	"62240"	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:54
45	19	"06002240" or "62240"	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:57

	Hits	Search Text	DBs	Time Stamp
46	1366	bruner	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:57
47	64648	jeffrey or jeff	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:57
48	2391062	j	USPAT; EPO; JPO; Derwent; IBM TDB	2001/01/26 13:59